

t i c i ; E i v r ; c i ; u a s m r s m ; E i ; , O a v v m c s u

o e ; o e ; a q *

p m w r ; t u s O ;

b p m w r ; o n]] t i c i ; E i v r ; c i ; u a s m r s m ; E i ; , O a v v m c s u } } p m w r ;
j z p y g o n / b p m w r ; w i a u s ; v u u t a j c c a & ; z l x m ; a o m t i c i ; E i
v r ; c i ; u a s m w l \ t a l u m i ; t & m ? w i j y y ? a & ; z l y r w n r r s m ; u E i ; , O
w i j y x m ; y g o n / x l o r w n y w l u E i ; , O a v v m & m w i t y i ; (3) y i ; c u m
a v v m w i j y o m ; r n j z p y g o n /

e ' g e ;

j r e r m p m a y o r i ; w i t c s i ; p m a y t z l y p r s m ; t j z p u m c s i ; ? w s m c s i ; ? t c s i ; ? t e c s i ; ?
t i c i ; ? v r ; c i ; p o n j z i t c i ; u a s m t r s k ; r s k ; a y : x e ; c a y & m x t c i ; u a s m r s m ; t e u
t i c i ; E i v r ; c i ; u a s m r s m ; u E i ; , O a v v m w i j y & m w i t i c i ; E i v r ; c i ; u a s m w l o n
w p c E i w p c t z l y p c i ; r w n l l u a y / o a o m v n ; x l u a s m r s m ; o n a u s ; v u u t a j c c j ;
a & ; o m ; x m ; o n t w u a u s ; v u u a s m p p p p j z p l u o n / a u s ; v u u a s m j z p o n t w u
a u s ; v u a e w l \ t c s p ? t v r ; ? c p m ; c s u r s m ; ? b 0 & y w n a e x i y ? p m ; y a o m u y ? v r
t o ; t a q m i r s m ; u y g o b m O u s x n o i ; a & ; z l x m ; y g o n / b p m w r ; w i t i c i ; E i
v r ; c i ; u a s m p m q l w l a u s ; v u E i a u s ; v u a e w t a y : c p m ; y ? 1/2 j r i y ? w i j y w l
r w n r r s m ; u E i ; , O a v v m w i j y o m ; r n j z p y g o n /

1/ t i c i ; u a s m \ o a b m o b m O

t i c i ; u a s m o n w p 0 ; w n ; & w q & a o m o c i ; u a s m r s k ; r [w a y / t z l v l u
t o j r i j r k i o q & a o m t c s i ; u a s m w p r s k ; j z p y g o n /

t i c i ; u a s m a v ; r s m ; \ t p w i]] c s p w o i , a v ? o i , c i ; a u m i ; a , m u r w a v } }
[t p c s x m ; & m o j y i o q a e j c i ; ? a r m y e ; o r q a j a y s m u a p E i j c i ; ? u e c e ; o r ? t m ; t i
j z n p r ; a p E i a o m a q ; p r ; a u m i ; w p v u j z p y g o n / t i c i ; u a s m \ x ; j c m ; c s u o a b m u
a ' : j r j r o e ; (u x u) \ t i c i ; p p m t y w i - (1986) w i

]] a u s ; a w m o v r y s k a v ; r s m ; \ & i w i ; c p m ; c s u E i t a w l t l u r s m ; u E w r
w w w ; w w w m a j y m j y a e [e a & ; z l x m ; y g o n / t i c i ; u z w a e & o \ p w
t m 1/2 w i t i c i ; y g r e ; u a v ; u p m z w o u O ; w n a j y m a e o a , m i x i j r i
v m a p o n / x l a l u m i v n ; t i c i ; u a s m r s m ; r m p w 0 i p m ; z , j z p o n [, q
r y g o n / } } (p m - 19)

* u x u ? j r e r m p m x m e ? & e u e t a 1/2 y i ; w u o l v

[q|x_m;ygon/

q&maZ_m*s_{ur} &opmay tziEi e'ge; (2004)wi-

]]tici_i;uAs_mr_{sm};on uAsmaumi;yoon/ n_Ut_m&on/ pmzwo\ pwEv;trü pjiaewwon/ &waumi;r_{sm};uol Epouz ,aumi;on/ ,Oon? Eon/}} (pm- 80)

[c_s;u_sl;x_m;ygon/ x_lallumi tici_i;r_{sm}; \ oabmobm0on &w_rsm;uol pmzwo\ pwEv;u Epou_UnE;atmi qaqmiEiaom uAsmwpr_{sk}; [xijri rygon/ tici_i; uAs_mr_{sm};wi au_svure;ryw\ t_cpa&;? b0a&;r_{sm};u oi ,ci_i;r_{sm};t_m; &izijaymq_l aom uAs_mr_{sm};jzpluon/ au_svuvryw\ b0Eicpm;r&izior_{sm};u u^{1/2}Pmouz , llum;ll u&ygon/

2/ vr;ci; \ oabmobm0

vr;ci;Eiywou í u0b_m&w_{ur};jy_lq&m O;au_{sm}&iu-

]]vr;ci;on wppwpa , m_uaomy*_lv? (olr [w) 0w_lypn; wppwpc u_l vr;qwwr;w r_su&r;q í a&;aomp_m}} (pm- 115)

[í u0b_m&w_{ur};jy_lq&m u q|x_m;ygon/

O;x_ea& \ uAs_mp , pur;wi vr;ci;uAs_m \ oabmu

]]vr;qw_UnE;z ,aumi;aom? xi&m;&aom tallumi;t&mw_U zUEU ou;x_m;aom o_{ci}i;u_l vr;ci; [ac: on/}} (pm-305)

[zi q|x_m;ygon/

jrerm vr;ci;a&;x;on a&;av;cs_l;pyen;Eiwon/ t_csk;t_m;zi Epc_{sk}&on/ t q;ü jav;} [aom pum;jzi c_{on}/ wcgw& ja0;} [aw_U&wwon/

jrerm_{pm}ayav_muwi vr;ci;uAs_mr_{sm};on ue;abmiacw aem uyi;ü acw_{pm};v_m avon/ r [m twvri;ll u;? O;ll ui0paom pmqwon &m obU vr;ci;r_{sm};u a&;om; ll uon/ O;yn? O;ll u;? O;aqmi;wluawm"avEi [m vr;ci;uAs_mr_{sm};u zUEU uav on/ vr;ci;uAs_mr_{sm};teu rEav;&wemyacw oaygt&iEpyg; a&ll u_U , u b&m;z; x u&mw_l aOgrL;ll u;O;jc_lpyqaom]*Eipqu} cs vr;ci;on pmayav_muü taumi;q; vr;ci; [pmayoawor_{sm};u armue;wic_lluon/ vr;ci;uAs_mr_{sm};on u_l ,a&; u_l ,wmc_{pm};cs u x u_l au_sv u obm0vy? {nonr_{sm};t_m;zwac: í &or_ltpm;tpm r_{sm};Ei {ncau;ar;vy? &or_lEia&mi&aueyí yslimazma&vaom "avp^{1/2}ur_{sm};u tav;ay; a&;zlav&ygon/

3/ ticsi;Ei vr;ci;uAsmrsm;Ei; , Oav vmcsu/

jrerm paywiau;vu uAsmrsm; ay:xe;c&m x uAsmrsm; teu]ticsi;}Ei]vr;ci;}
 uAsmrsm;u Ei; , Oav vmom;rnjzpygon/ x uAsm (2)rsk;on aus;vu u tajccí
 Epouz , zew;xm;aom uAsmrsm;jzpygon/ aus;vu uAsmcsi;waomvn; uAsmwi
 tallumi;t&m a&cs , wijyy? pwu;pwoe;jzi zwcsipz , a&zly? pum;t o;tEe;Ei
 tzltqrsm;on ticsi;Ei vr;ci;rw nll uay/ xolrwnll uao m vn; x uAsm Eprsk;
 v;on pmzwo t m; Epouray;pr;Ei ll uon/ x uAsmav;rm;on wp ll urzw^{1/2}Ei yi
 trwxixi &aewwon/ x lji&ocpm;r ay;ym vn; wprsk;Ei wprsk; rwn ll uay/
 xol rwn&jci;rm ticsi;a&o pmqrsm;Ei vr;ci;a&o pmqrsm;on wp0;eiwp0;
 aus;vu yw0e;usi obm0Ei b0rsm;ucpm;^{1/2}jri&mü tjrisci;? pwu;ci;rw ll u
 aomallumijzpygon/

xol Epoup&maumi;on ticsi;uAsmEi vr;ci;uAsmwu Ei; , Oav vm&m
 wi-

- (1) aus;vu awm&maeow\ b0o^{1/2}yazm tzU rsm;u Ei; , Oav vmjci;
- (2) aus;vu aew\ cspjci; arwm u zll qaom tzU rsm;u Ei; , Oav vmjci;
- (3) aus;vu aeow\ vrb0yw0e;usi tzU rsm;u Ei; , Oav vmjci; [í (3)rsk;
 cjc m; wijyom;rnjzpygon/

3? 1/ aus;vu aew\ b0o^{1/2}yazm tzU rsm;u Ei; , Oav vmjci;/

ticsi;

ticsi;uAsmrsm;on anmi&r;acwwi pwiay:aygucon pmay trsk;tpm;
 wprsk;jzpon/ ticsi;uAsmrsm; teu]]atmujyno pe}} ticsi;on o;axmit&yu
 ay:caomallumi o;axmiti[ac:ll uon/ xticsi;u uxua':jrroe;\ ticsi;
 ppm tywi &mZm"&mZuawma&on [tq&on/ 0;z;vw\ ocsi;ya'ompm tywi
 a&orazmjycay/ 0;wi\ uAsmAEom&usr;wir vu0oE&0;jrwp [qon/ xticsi;
 on anmi&r;acwau;vu aew\ b0tajctaeu a&zUxm;on/ tnma'o on
 r;acgia&&m; jzpaomallumi tnmo m;rm;on atmujyno om;um p;ym;&mlu&on/
 xoabmu usn;ue&illu; arwmpmwi vn;aw ll on/ anmi&r;acwwi aus;vu ae
 owon atmujynatmu&muom;um p;ym;&m? avx;vu ll uon/ xolb0u
^{1/2}e;ue&mwi re;rylav;\cpoon atmujyno pe&e ui;allumi;qywi c&om;&e
 toijzpaen/ atmujyno om;rn u re;rylav;t m; zirajymcay/ re;ry ll uav;
 vu vmontcg cpoon ui;allumi;qywi a&mu aejjzpon/ xtallumi;u-

]]oi , csi;aumi; a , mi;rwlawm/

rvnyiEi 'e;yiEuaemi; (aemi;)?

, u'umi , aygi;
 ui;allumi qywi x;0g;i , 0 , /
 wu , peizpr v m;awm/
 per , q per , &u? ququ r q
 w;on apmi;Ei?
 avmi;on lluu uyu v li , i?
 armi u ueom; x n o v m;awm/}}(aom Zi? O;? 1966? 128/)

[í ajym q [ea&zU x m;on/ tlicsi; uAsm on tjc m; uAsm rsm; Eirwon tcsur m uAsm
 tpwi] cspwoi , av? oi , csi; aumi; a , murw av}} (ol) a , mi; r wlawm}} [í
 t m v y p u m; yg0 i a v &on/ uAsm wijen; wijy [erm aus; v uae re; ry s lav; u
 rrb0Ei t csp t a l u m i; r s m; u a , m i; r u o l c s p & w c p o i , c s i; r s m; u a j y m j y [e
 a&z l a v &on/ t a j y m p u m; a j y [e E i z U E l o n/ x o l t a j y m p u m; a j y [e E i z U & m w i
 a j y m o \ O r; e n; j c i;? O r; o m j c i;? p w y u j c i;? a l u u j c i; p o n l a v o y g a t m i z U o n/ b
 u A s m ü r e; r y s l a v; o n c s p o u a t m u j y n o l r o m; a p v? r v r a & m i o m í p w a v q m u m
 v u c v u &on/ x o a b m u -] w u , p e j z p a w m r v m; a w m}} [o n l a u s; v u a e
 r e; r y s l a v; \ a v o a y: a t m i j a w m} q o n p u m; v; u x n o; x m; o n u a w l &on/
 w m; q; r & E i o n t a j c t a e j z p o n t w u p w' u a & m u o m; & o n t a v s m u c s p o u
 & e a w l a o m a v o u

] per , q per , &u? ququ u , r q}} [qcon/ x t c g c p o o n r s u & n
 u s o n/ c s p o \ t r t & m u a p m i; E i l l u u u y u x m; o n t r t & m j z i o ½ y a z m x m; o n/

p tlicsi; uAsm wi p m q o n a n m i & r; a c w p; y m; a& u s y w n; a o m a l l u m i c s p o e
 r c c i b c a e & o n r e; r y s l a v; \ a o m u u o ½ y a z m a & z U x m; y g o n/

x l j y i a n m i & r; a c w o n p p z u x a j y m a o m u m v j z p o n/ o j z p o n t a v s m u
 a , m u s m; y s l r s m; o n r j z p r a e p p E i t w v u y g l u &on/ c s p o r e; u a v; o n o l c s p o
 t m; p p e l t w r v u a p v y g/ p p o n l u r; w r; v e; o n/ c s p o o n & i v x u o p p
 t & , u a v; o m o m & a o; o n/ c s p o u E e , o n/ o m; o n c & r m v n; a 0; v e; v o n/
 x l t w u a l l u m i p; & r a e o n/ x o l p; & r a e a o m v n; a c w t a j c t a e t & p p E i & i q i l l u
 &on/ p p r u x a j y m a o m a c w w i p p E i v u &on b 0? c s p o E i c a e & o n b 0 u
 j c s r , r c s r , } t l i c s i; u A s m w i a w l &on/ x t l i c s i; w i i , & , E l a E m i; a o m c s p o o n
 p p' P r c E i? b & i r i; j r w \ t r e a l l u m i r n o r l r w w E i b v u c a y; c &on/ x
 t a j c t a e u j c s r , r c s r , } t l i c s i; u A s m w i -

] c s r , r c s r , /

a & l l u ; a & u? j r i; v v u

pr;jrewsm? Oi;v\Oga t m i

weqmi , jc , on?

wu , c;szpawmrvm;/}} ({armi? O;? 2016? 79/)

[| &iarmpmji zi n n;nlae [eu| ajym [ejziwiyxm;on/ b0Ei tw t cspuwi
ppEic;porxuwe [qu m p;&rae on re;ryslav; \ cpm;ru-

]]oem;i , rp&m/

o\&mwpau s;? [&ya0;rm

rav;i oZi? ri;n\pi i , ?

armi&i v x u opwum;/}} ({armi? O;? 2016? 79/)

[| z\qxm;on/ c;sporm&i v x u oppyi&a o;í i , & , Ee , a o;on jzp&m
ppajrjiwi yiye;q i;&ae&mrn t jzpu aw;awmyyeaeyrsm;on p wire;rysl \
t llur llur t cg t cg pwrouromjzpaen cpm;rav oyga t mi z\qxm;yg on/

p o jzi t tici;uAsmrsm;wi au s;v uae re;ryslav;w\ b0jy ó em rsm;u
cpm;rygaom tajmavojzi oi , ci; rsm; t m; &i;E;yi v i;pm jye v n ajymjy [e a&z\
xm;yg on/

vr;ci;

vr;ci;uAsmrsm;on ue;abmiacwwi ay:aygucon p may tzlyp wpcjzpyg
on/ vr;ci;uAsmrsm;on Epoup&maumi;on/ t tici;uAsmrsm;u o\ b0Ei t c;pu
wiy&mwi ½yax;rr&ay/ talumi; t &mrsm;on t tici;uAsmrsm;xu yí½;pi;on/
uAsmpwu;? uAsmyoPmey i;rmv n; t tici;pm q rsm;avmu y& , m , ro;ay/ vr;ci;
uAsmrsm;on rraus;&m \ obm0 t v t yrsm; b0&ywnr twu vy&m;½e;ueae&on
tajc taersm;u tav;ay;wiyon/ au s;v uae w\ b0o½y jzpaom aex i pm;aomu
yw\ u t Epyazmjyon/ au s;awmaew\ aex i r t ci;t u s i;u azmjy&mwi t &u t &
twi; o½yazmwi yon/

vr;ci;uAsmrsm;wiyg0iaom au s;v uae wwi v n; b0' u t r s; r s; p & u on/
acsmi;wpzuur;wi v , &ow t z\ acsmi;u;jy; v , awm o m;&on/ acsmi;a&v\ygu
v , awm o r jyeEiay/ x oabmu 0; ll u; \ p;vygw , uAsmwi

]]oajyu o;oEi? a&lu;i , abmi bi?

xea&i , i i on? ysl\O;&i t jyecu&mvr

wb u u acsmi;u mon? a&n mrm n\wr;i , r?

ysl;p;w , arm i iav;/}} ({armi? O;? 1960? 113/)

[a&zUxm;on/ xtzUunv|i v,vyow\ tcutc? traew\ p;&r
 yyeruawUjri&on/]vr;csi;uAsmrsm;on } ticsi;uAsmrsm;uo| talumi;t&m
 r½yax;ay/ b0jy ó emrsm;rm vyie;cijy ó emom&on/ ½;&i;on| oabmaqmion/
 O;aqmi; \ csOaygin|vr;csi;uAsmwi-

]t , Oi , lluygw? Ze;& , aysmv? zsO;em;wwi

csOayginlay:pz;& , Ei? ig;v;i , r|ir|i? alu;roi

a&vjy\wygv? tiuyu , ? us , us , Ei ri;z , p;&avmu

ayav;}} ({armi? O;? 1960? 100/)

[qi;&aom aus;awmom;yy tpm;taomuujzpovpm;aomu&on| uawmio\
 pn;pru r xer0ubzUqcon/ pm;aomuz , &m z , z , &m&m r&aomvn; v , xe&m
 r jyea&mu v|i Ze;onjiay;on| xri; [i;u t m;yg;w±aomuUon/ xri; [i;
 wuwuajymij; Or;Aurmvn; jynjz; íaeygon/ xltjyi uawmiopm;&aom
 [i;curm]csOaygiz;Ei iv;cu}} yijzpon/ pmqon v , orm;w\ tluUq;
 [i;cuu a&cs , azmjyxm;yg on/ zsO;t;tem;wwi csOaygiz;u ig;v;Ei cu xm;
 on/ ig;v;ualu;roib a&vjywxm;on/ x [i;u tem;xon| a&tiwrm xnjy;
 xri;u pypus , wixnxm;on/ x xri; [i;u uawmio t m;yg;w±aomuy
 ay:vi apontzUjzpon/ xtzUwi vr;csi; \ oabmvuPm jzpon| csOaygiz;Ei
 ig;v;cu a&vjy\w [i;u &ocpm;ray:atmi pma&ou tEpwa&zUcon/ qi;&yu
 tus , csUra&aomvn; o½yay:vion/]zsO;em;w}}]csOaygin|? ig;v;? tiuy}}
 pon| aus;vuaew\ to;taqmírm;u xnoi;xm;ontwu obm0us on/
 x tcsuon vr;csi; \ tEpom&jzpon/

]v , xejyewi? eueypc

qmrwc&eusaomallumi}} ({armi? O;? 1960? 100/)

[aom tzUon v , orm; \ vyie;yiye;vaomvn; x xri;Ei [i;u t m;xm;um
 pm;&aomallumi u½Pmouz , jzpon/ vr;csi;pmqwl on| aus;vu awm&muzU&m
 wi aus;vu \ oabm? aus;vu \ to;taqmi? aOg [m&pum;v;rsm;u obm0us
 atmi o;av&onuawU&on/ xrru x;jcm;curm rcr;em;on| jzpovib0u
 Epouauseyaeon| oabmay:viatmi a&zUjci;jzpon/

p uAsmon| awm"av uAsm jzpaomvn; , Oaus;on| to;rsm;u vn; awU&
 on/ rr \ Ze; r , m;u-

]qpvyac? zm;vsm;a0Ei t raeoUouye}} [ívn;aumi;

uawmioU-

]AuOr;a&? ywvnus& , Ei , Ov w , av;}}

(({armi? O;? 1960? 100/)

[í a&zUxm; yrm awm o b m 0 ay: jy; , 0 aus; on/ q i; &aom vn; q i; &jci; u ra&zU
q i; &on [rcpm; &ay/ av; pm; roabmyg 0 iaeon/ pm q \ o ½ yazm tzU rsm; on ol
b 0 Eio v u zu jy; £ aj E &on [q Eiygon/

vr; ci; u Asmpm q rsm; on t i ci; u ol u Asmy& , m , u ro; ay/ t &ut &twi;
a&zUxm; on/ x t &ut &twi; t ½; ctzU onyi vr; ci; u Asm \ o ½ yre t vw&m;
jzpaeygawm on/

3? 2/ aus; v uaew \ c p jci; arwm t zU rsm; u Ei; , 0 av v m jci; /

t i ci;

t i ci; u Asm rsm; r aus; v ure; ryw \ t c puzU &mü awmiwi; &ijir; r , \
] arm i u vr; awm } t i ci; u Asm wi pm q on q i vaom o abmwpcu av; eu v mat mi
wpq i jy; wpq i w u u m ajymw w jci; [aom y& , m , u awU &on/ re; ryU on c p o
arm i Ei a 0; u mae&mrm- t vr; urajym? 1500 arwm \ yav miyu w u ½ u rom; b 528
o , aom arwm \ o abmr wpq i jy; wpq i w ; jria&zU on/ a& 0; pm t ru vr; &mwi
A' b m om jrerm yy q r; ? a&csr; rsm; ? aom u awma&csr; ? pm; awmur; rsm; uyvL&i;
t vr; ajycygon/ t zu vr; &mwi vn; aom u awm a&csr? pm; awmur; rsm; qyuyum
t vr; ajycygon/ c p o arm i u vr; aom t cg r n ol r q rajy Eiygaumi; x o abmu-

] ru vr; vn; aom u awma&csr; ? pm; awmur; Ei

oe; wanmia&? ye; oajy Ei? ajyb; i&i/

zu vr; vn; ? aom u awma&csr; ? pm; awmur; Ei

oe; wanmia&? ye; oajy Ei? ajyb; i&i/

arm i u av; arm i u vr; awm? aom u awma&csr;

pm; awmur; Ei? oe; wanmia&? ye; oajy Ei rajyygv?

aom u awma&t; ? * r; x; aumi E , ? ty s jzLi , Errm ll u l &w , &i}}

(aZm* s? 2004? 34/)

[a&zUxm; on/ x t zU alumi t r t z x uyveí arm i tay: ü jy; jy; xexe c p &aom
cpm; ron ay: vi v mygon/ 1500 arwm [aom yav micpm; ru t veat; jraom 528
o , arwm r v maom t vr; u b &m; ü q r; ? a&csr; ? ye; rsm; qyuyvL' ge; í ajyapvy
pon jrerm pw"mw? jrerm t r t &m jzi zU jyyrm pwu; pwoe; qe; opvygon/

x l allumi vn; q &maZm* s u- t i ci; rsm; on t i ci; ygZmwv ursm; \ pw
o abm xm; t &mü omru yw 0 e; u i t o i t jy i t &mü vn; jrerm t qeq; u Asm rsm; jzp
on (aZm* s? 2004? 32/) [q x m; c jci; jzpygon/ x u Asm wi v wi; wi&aom 1500

t c p \ o a b m u | a o m u a w m a & t ; v & m r y ; a v m u v e ; a u m i a v ; u a w l j r i j y ; r e ; r y s \ t w n j i r r a o m p w c p m ; r E i | O y r m c i ; E i ; z u q x m ; o n r m x r v y g o n /

c s n l p e ; r m w n | t v r ; a j y a v ; - t i c s i ; u A s m w i -

x t i c s i ; u A s m u | p m q v u 0 o E & O ; j r w p a & ; z u c o n / x t i c s i ; ü v m r n [q x m ; a o m v n ; r v m a o m a l l u m i | c s p o u | u e o i ; a y : r a r | m a e & o n / a u m u p u o a v ; \ t c s p t v r ; u z u x m ; o n /

t i c s i ; u A s m a v ; r s m ; o n | a u s ; v u u A s m a v ; r s m ; j z p a o m v n ; u A s m o a b m o b m 0 E i | u u n o n / c p m ; r E i | v o b m 0 u a y : a t m i z u q E i o n / r e ; r y s \ a v ; o n] u e o i ; a y : u a r | m a e í r v m o n t c g r r u , u t m ; w i ; & o n / a r m i r v m a o m v n ; r r r m 0 r ; r e n ; y g ? c p m ; r E i | q e l u s i u m t m ; w i ; x m ; o n / x o a b m u |

v , j y i i , r y w o e ; ? y s l l a u m u i e ; E i |

t v r ; i , r a z s m & m /

E r l l u ; r , o m p u w ? a u m u i e ; w m u |

a r m i u a v ; i , | a r m i r v m o n |

r v m u w E r l l u ; i , | 0 r ; r e n ; / / (a Z m * s ? 2004 ? 35 /)

[a & ; z u x m ; o n / x o 0 r ; r e n ; y g [| p w u w i ; x m ; a o m v n ; c s p o t m ; j r i a , m i a e o n / x y w i a y g i ; x m ; o n | a c g i ; a y g i ; u | a l u m a l l u m a r m a r m a y g i ; x m ; o n | c s p o E i | p u m ; a j y m c s i o n / x c p m ; r r s ; u |

]] a u m u i e ; i , r o , 0 u |

u e o i ; a y : u a r | m r v l u w i ;

y s l l u k u w o y 0 g x n | x y v n r m a y g i ;

q o , a y s m a j y m i ; i , E i ? a A m i ; a l l u m v u |

p w w a E m v ! ? r a j y m & a v } } (a Z m * s ? 2004 ? 36 /)

[z u q x m ; o n / t m ; w i ; o n u m ; r c s p o E i | p u m ; a j y m c s i o n / c s p o u | j r i a , m i a e o n [| z u q x m ; o n / c s p o r v m o n t c g t v r ; a j y a t m i | q ; c s l & y r m t y e ; a j z & & m o n / x u o | a u s ; a w m o a v ; \ u ½ P m o u z , | c p m ; r r s m ; u |

]] , i ; r m y e v s u ? a u m u p u w u |

v u c y y i a w m i ? y a n m i y i v |

a E m y i c E i |

v r ; r ' ; , - q ; c s l & y r m v

w q w u , c j y ; v q i |

cs\ n\pe;rm v t vr;ajyav;}} (aZm*s? 2004? 37/)

[a&;z\ x m; on/

vr;csi;

vr;csi;uAsmwiaw\&on cspjci;arwm on csp on [aom aOg [m&rygb
t cspoab may:at mi z\q x m;aom uAsmjzpon/

O;\u; \ uawmio uAsmwi uawmio \Ze;u xe , upuy\;a&;twu t vy
yyeaeaomallumi reuapmapm xom;&on uawmiotwu csujyw jyi qiae&yu
tEpw o^{1/2}yazm x m;on/ uAsmtpwi

riaum&pu , Ei? \uiopwy\Uv

xea&;i , y? uawmio reuapm

\uua&mjyiqi v? xeEiarmi;wazuav;/

({armi? O;? 2006? 130/)

[z\q x m;on/ xitzlwi uawmio on]riaum&p} rsm;x;x m;on [qion/
uawmio \ riaum&prsm;on Ze;twu \unr0wt x t v rsm;jzpc [ewon/
uawmio on rom;pwm0eu tav;x m;ojzpalumi;-

]]xea&;i , y? uawmio reuapm? \uua&mjyiqi v}}

[aom tz\ rsm;uazmjyaeon/ reuapmapm \u uweolum;onEi x&&m on/
uawmiotay: Ze;on u cspwEi u^{1/2}Pmpw jzpay: on/ uawmiotm;

]]\uiopwy\Uv}}

[o;x m;on/

rv\uzuoa , mi&aom vn; awmorav; \ arwmuazmjyv&i;jzpygon/ rr \
ciye;ontm; rom;pta&;twu t m;xw\ u\;yr;v\ aus;Z;wi [e cpm;ru o , Ou
z\q x m;on/ rrvia , mu sm;twu v , orav;u apwem x m; csujyw [eu -O;\u; \

v , xejyepm;&et v? a&^{1/2}n? , ezaEmc:u

wpcuu , tcsO? awmjynpi? &nii&e;p?

v , uepe;& , Ei r , vr;atmiu\yg

e*&vO;&ii , ? avmr;ui? yZeaxmi;i , Ei

armi;apr , av;}} ({armi? O;? 2006? 130/)

xitz\univ\i wwEior\ z , z , &m&mjzpatmi prc:ujy\waey? arwm oabm? csp
oabmrygayray:vion/ x\jyi vr;csi;pmqu]]r , vr;atmiu\yg}} [a&;om;x m;

on/ xitzu v, orav; \ [i;rm vr;p&maumi;on/ uawmio u]e*&v0;
 , Oi , } [o;xm;on/ awmoav; \ via , mu sm; tay: jrwe;cpcipway:vm on/

]]avmr;ui? yZeaxmi;i , Ei armi;apr , av;}}

[zU&mwi yZeaxmi;on *¹/₂wpu priyi qixm;allumi;xi&m;on/]]pm;apr , }} ro;
]]armi;apr , }} [o;xm;on/ aus;vuqeon t m;yg;w& pm;aprnqon oabmyg0i
 on/

O;u; \ cu [i;v sm vr;ci;uAsmwir

re;aejynawmr oi , ci;u aus;vuae i , ur;aq t m; vr;aeon talumi;
 a&zUxm;aom vr;ci;jzpon/ xitzwi

]]wvi;us , rm ri;z , p;avmu

Em;a&ci;? ajrwvi;? acxi;ajcmuEi

cavmuu , cs? qeeru

awmilvatmicu? ule;zu xurm

c;vu u , v sipm? jyky;cgr?

t&omlu;? jcpyo;u? r;rmrzw

nmrjzwy? uysmxwaqmi;

qq;q;rm? usk;atmi axmi;v

pavmi;i , v bi? tz;t iEi

, cicu [i;v smu? >ci;rn m

t uearmuygv? Epa , mujy(i

rskaeus [mr? [ajru i , ur;0i u

e , re;ci pawm ue;qu vr;vw , av;}}

({armi? O;? 2006? 134/)

[a&zUxm;yg on/ xitzu univ(i aus;vuobm0twi; Em;a&ci;xm;aom ajr
 wvi;wixií csuywpm;aomuyu uAsmpmqu ri;z , p;avmu [o;xm;on/
 pmqon aus;vuawmaew\ rorri , &&0i0i&ywnyu t m;ay;ví xuol
 lu;us , cr;em;aom pum;v;o;xm;ji;jzpon/ r&i;uo qellur;ucsuao m rmau sm
 re;oon/ olaom]]qeeru awmilvatmicu}} [cr;em;atmi zuqxm;on/ xjyi
 [i;v smxwi jcxu i¹/₂wo;axmi;yg on/ ponuyi

]]r;rmrzw? nmrjz\wy? uysmwwaqmi;
qq;q;rm? u\$;atmi axmi;v}}

({armi? 0;? 2006? 134/)

[a&zUxm;on/ i½wo;axmi;onuyi pm;csipz, o½yazmzUqxm;on/ x
[i;vsm tm;v;u Epa, mujy\i pm;aomuUon/ xlo pm;aomuc&yu rEav;e, r
oi,csi;u jjev nvr;qwraumi; zUqxm;on/

3? 3/ aus;vuaew\ vr0e;usi tzUrm;u Ei; , 0avvmjci;/
tici;

tici;uAsmrsm;on aus;awmaew\ b0Ei tcsipuzUqon/ xozUq&mwi
b0Ei tcspon aus;vuaew\ awm&mwi aexiowtztU vrloZmoua&muron
ta&ygonuawU&on/ a&tcgutraxmipwpcwi rbEpyg;omru ta':? rlu;?
rax;rm; Oi;&aewwon/ ta':ty\$U;rm;on rrw\ wrowi;u &yx&mxwi
em;piaewwUon/ xrax;rU;wlon aus;vuae re;ry\$av;\ tcsa&wi
taEmut , uay;vmUon/ re;ry\$Ei rbrsm;tUm; aqr\$;rm;Uum; y#yujzpvmon/
p tallumi;u awmiwi; &ijir;r , \]]a&ulurmailalumi- tici;uAsmwiawU&
on/ xtici;wi re;ry\$uoi,csi;rm;t; cspotallumi; cpoEiuumc&on
jzp&yu &iziajmqwijyxm;on/

re;ry\$on o \ jzp&yuwijy&mwi

]]&ivxuop? q , o;Epu cspwou

t , wjcm;? rax;rm;u? q;wm;q

&puaxmiumxm;&w , }} (aZm*s? 2004? 38/)

[a&zUxm;on/ xtztwi a&acwtcgua , mu\$;av; re;uav;rm;on q , ausm
out& , uyi cspoxm;av&on taetxm;uawU&on/ ta':rm;jzpon
rax;rm;uo&jy; rbrsm;u toay;rnjzpon/ owv n; apmiUunrnjzpon/

a&acwvrtztUtpn;wi re;uav;rm;on vomontcgrsm;wi Ai;i iav&U
on/ xtcg vy\$av;rm;u vma&mu vnywwwUon/ ow rlu njzlv(i wm;jrp
Uon/ cpoEiawUcir&atmi Ai;i iciray/ cpoEirawU&atmi &puaxmioxm;
Uon [o , 0uzUqxm;on/

xuAsmwi tici;pmqwon av;v;pyvumom;Ei tici;u zUqxm;on/
]]&puaxmiumxm;&w , }} [on jrermvUtzUtpn;\ oabmtailrm; ygOia&zUxm;
on/ re;uav;rm; Ai;i ion , 0aus;rtzlygatmi zUxm;on/ jrermqeaom tzUjz
on/

vr;ci;

vr;ci;rsm; \ vrb0yw0e;usitzUrm;u avvmunvqi xacw au;vu
awm&mrm;wi q , tracgi;&on/ q , tracgi;on au;s&mwi loZmt&q;jzpon
tajctae ll;u;s , vojzpon/ au;vuvtztptn;r au;vuawmaew\ aer
xiru o½yazmxm;on/ q , tracgi;Ze;armiEon rsuEmcsi;qixijy; pypxwi
xri;xnum pm;aomuon/ [i;ur ajrtiwwixnjy; Ze;uro;b Ze;tjzp
a , muom;uol;on/ <uuezm;&uu ye;&nEiluon/ pm;yaomuym tve
wiw , von/ q , tracgi; ri;r xolpm;&ci;jzpalumi;u O;lu; \ q , trri;
pn;pr vr;ci;uAsmwi-

]]pn;prlu;ygb? ½wo;awmiui

Epa , muu , xli? , Ovujyxius , pypu , Ei

z , opajrti&v? Ze;rwe uea , muom;i , Ei

<uuezg;ye;&nuskon? t vAsmpm;ywiymb?

acgi;riq , trayr? tajclu;vawmi;uav;}}

({armi? O;? 1960? 111/)

[zlqxm;on/ xltzt& au;vuwi]i½wo;? pyp? tiw? a , muom;? <uuezg;
ye;&n}} pon to;taqmiei tpm;taomurms;u pum;tqiweqmrms;tjzp a0a0
qm qm xnoi;xm;on/ q , trri;o½yu ay:viapon/ q , trri; \ b0
tajctaeuvn;awlji&on/ vr;ci;pmqrm;on au;vuobm0u o½yazm&mwi
qi;&o [rcpm;&atmizljon/ au;vuaww\&orEi a&mi&wi;wrum auey
aeaom b0u a&zlxm;on/ xallumiyi

]]t vAsmpm;ywiymb? acgi;riq , trayr?

tajclu;vawmi;uav;}} ({armi? O;? 1960? 111/)

[a&zljci;jzpon/ xowu½uajympum;rsm;u xnoi;a&zljci;jzi uAsmon tou
0iapygon/ pma&oon q , trri; \ aexiy? Zrcywuzlxm;on/ q , trri;
 \ trtajtaerm wijy&mwivn; trtr;r ajroxaejy; xr;&urms;r;xm;on/
acgir;rmysup;aeon/ xuolaomtrwi q , tracgi;ri;on pn;pr&ijzpon/
uwilur;rm llur;ci;ayguí ajcwpacsmi;usk;aeaom uwiay:wi armuc:nvecsn
Zrvyaeaom q , trri; \ pn;prrm & , p&mjzpaomvn; vreor olpn;prEio
&luon obm0uawlluan/

xol Em;a&jyeuwiay:wire;ae&m q , tracgi;ri;uawm Eyay;r tyaysm;om;
onu

]]pm;aomuz , &m? jy;aom t cg0 ,
 &omcr;jir;? tjciajrou
 yi xe;&uEi? acgiyut rwi
 pn;prlu;½i? ajc v rwi v
 uwi llur;aygu? o;acsmi;axmurm
 armucn vecsn? t q& , ze;
 re;wcnEi? rllunoe;a0
 x , ri;yaevuw , ? Em;a&jye'tay:rm ({armi? 0;? 1960? 111/)
 acgi;uawmu , wiEyumr o tyw , av;}}

[a&zUxm;on/ x t zUwi qi;&om;q , trri; \ cr;omr? pn;pr&r talumi;rsm;u
 awljri;jym;on/ q , trri; \ vy&m;ytrt&mrm;u wijy&mwivn; obm0us
 on/ pmqon trtaet xm;uzljy;aemu pn;pr&i [rwquay;vuaom t cg [mo
 ajrmuon/ q , trri; \ pn;prrm & , z , jy;z , jzpon/ pm;aomuon [i;rsm;on
 vn; t qygallumi;u] t q& , ze; } [q xm;on/

]]rllunoe;a0? x , ri;yaevuw , }} [q , trri; \ trt&mon & , p&m
 jy;p&mjzpapygon/ pn;pr&on u &on [qjy; vr;csi;zUqxm;onrm twit jy
 aumi;re;jy; uAsmzwo \ pwwipuse&papygon/

O;lu; \]]oUtarq , trri;ayr vr;csi;wir rcionq , trri; jzpon
 twu or;jzporm wiwiw , w , x , x , 0g0g 0wqixm;on/ anmi&r;acw
 q , trri;w \ b0rm csr;omzlr v , ay/ o&mwil q , trri; jzpaomvn; qi;&jci;
 u aysm&ilunE;p&maumi;atmiEi &ajrmuatmi a&zUo½yazm xm;on/ xlyi tar
 q , trri; \ aetru

]]aysmyuopoEi? Erw&m? tumrmyi0g;½;i , Ei tr;uxe;&uwiw , ?
 llur;jyirm tiayguci;yg v? um0i;rmawm E , b;vr? q , tracgi;w? ratav;}}
 ({armi? 0;? 1960? 126/)

[zUqxm;on/ x o zUqjy;aemu or;jzpo \ 0wpm;qil , iyu

]]or;ysci? Opmrsm;v? 0wpm;i , qion

rjri0ygwum;? aem t a0;}}

[tlo&avmuatmi0wpm;& [e a&zUav&on/

]]oUtarq , trri;ayr? wi;vw , av;}} [aom t zUvn; wu , t aet xm;
 Ei rvuzub ajrmuajrmuyiyizUqxm;on/ q , trri; \ b0o½yu ay:viap

on/ q , trri;yi jzpaomvn; rrb0 rrtajctaewu *Pi, on[rxib
xib0rmyi aysmaymaewwu on [eaqmirui; aom ½; om; yiv i; ruawljri & av on/

lcio;oycu

tlicsi;Ei vr;csi;uAsmwlon aus;vu uAsmrsm;jzpon/ aus;vu uzlycsi;
wnluon/ olaom aus;vutay:cpm;a&zU&mwir ujym;om;on/ tlicsi;Ei
vr;csi;uAsmrsm;r aus;vuaew\ b0o½yazmtzUrm;u Ei; , Oavvm&mwir tlicsi;
uAsmrsm;on anmi&r;acw aus;vuaew\ b0tajctaew a&zUxm;on/ xacwwi
tnmtaluo uepnu;oe;om;vmav&y? vr;csi;uAsmrsm; wirtlicsi;rm;uo
b0Eitcpuwij&mwiy*va&qeqe twi;us a&zUavr&ay/ rraus;&m
obm0tvmrsm;? "avx;prsm;? b0vyie;rm;u tav;ay;wijyon/ b0vyie;wi
yiye;q i;&yEi aexirtci;tusi; tpm;taomu w uazmij&mwir t&u t&twi;
o½yazm wijyxm;on/ aus;vu \ a , b , stvw&m;wu Epouz , jzpatmi a&zUjy
Eion/

aus;vuaew\ cjpici;arwmuzUqaom tzUrm;u Ei; , Oavvm&mwir tlicsi;
uAsmrsm;wi 1500 arwm[aom yavmicpm;ru tveat;jraom 528o , arwm?
b&m;uqr;urvl'ge;yp on jrerm pw"mw? jrerm trt&mjzi zUjyrm pwu;pwoe;
qe;opvygon/ xalumivn; q&maZm*s u tlicsi;rm;on jrerm t qeq; uAsmrsm;
jzpon[qc[ewygon/ vr;csi;uzU&mwir aus;vuaew\ o'gw&m;? au;ar;
vpw? &i;E;yiv i;pm ajymwwqww aexiwwon "av? yumoerzuon t½;c
pw"mwwu tav;ay; zUqon uawU&on/

tlicsi;Ei vr;csi;yg aus;vuaew\ vr0e;usi tzUrm;u Ei; , Oavvm&m
wir tlicsi;uAsmrsm;wi aus;vuaew\ 0e;usi tay: tav;xm;yu awU&on/
re;ryslav; \ tcspa&wi rbrsm;Ei rax;? rlu;w0e;&uy? apmia&m u uywu
a&zUon/ p;ym;a&tay:rwní r bEiom;or;lum;& traxmir jyóemrsm;u
a&zUon/ aus;vure;rysw t c pEib0jyóemrsm;u O;pm;ay;a&zUon/ 0wlv
wpy'r Zmwu u wpuu u o &ocpm;r trsk;rsk; ygatmia&zUon/ vr;csi;uAsm
rsm;rmr aus;vu \ obm0tvm&Ei aus;vuaew\ pwtvw&m;rm;u llunE;
cpm;Eiatmi a&zUav&on u awU&ygon/

e*;

tlicsi;Ei| vr;csi;uAsmrsm;on| anni&r;acwEiue;abmiacw| au;awmaew|
 \ pwaeoabmxm;Eiwu| tcp? t vr;cpm;csur;u| yjyipmazm|u;sl;xm;on/

tlicsi;Ei| vr;csi;uAsmrsm;on|vn; au;vu"avu| o^{1/2}yazmaom &oajrmu|
 uAsmrsm;jzpon/ jrerm b0? jrerm t v u| azmu;sl;wijyaom tjc;u;om au;vu uAsm
 rsm;u|vn; quvuav v m jci;jzi| jrerm au;vu uAsmrsm; \ wez;uyro& em;vn|
 Eirn| | xijrirygon/

u;r;u;pm&i;

au sm&i? 0;? q&m? yyg;/ (1921)/ u0bm&wu;r; (y)w/ 0;b;om? a':ne|Ei| om;or;rsm;? rEav;/
 csr;jr? 0;/ (1961)/ uAsm , Opm , 0/ vci t i qe; pmyEywu? rEav;jr|u/
 qe;xe;? 0;? (re;wu o v)/ (1967)/ pmayb P/ *sl;jzLyEywu? &euejr|u/
 aZm*s/ (1966)/ &opmaytzie'ge;/ oajyyEywu? rEav;/
 xe;a&? 0;? ("rp& ,)/ (1955)/ uAsmp , pur;/ ynm t v i;jyyEywu? &eue/
 ew&i? '*/ (1964)/ pmay0wq (2)/ pmayArmeyEywu? &eue/
 ew&i? '*/ (1967)/ pmay0wq (4)/ pmayArmeyEywu? &eue/
 r;|u n? arjr|u/ (1966)/ pmayacw (9)acwr| jrerm uAsmrsm; tzi/ r [m0Zm yEywu? &eue/
 jroe;wi/ (1975)/ jrerm au;awmaeow| \ uAsmrsm;/ jrjr0i;yEywu? &eue/
 a∨ri;? u/ (2018)/ ye;a&jyna&; uAsmp (1)/ ye;a&jynpm t ywu? &eue/
 ow? armi? (Avrl;baomi;)/ (1968)/ pmqawmrsm; twiyw/ ZpmyEywu? &eue/
 aomZi? 0;/ (1966)/ au;v uawm&m uAsm/ E , eyEywu? &eue/
 {armi? 0;/ (1950)/ uAsmye;u;/ ynmeEmpmyEywu? &eue/
 {armi? 0;/ (2016)/ tlicsi;Ei| tjc;jrerm uAsm t zU rsm;/ pwu;cs|cs| yEywu? &eue/